Open Space Residential Design

The 'Nip and Tuck' Your Cluster Bylaw May Be Looking For...

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- Planning Boards
- ConservationOrganizations
- Developers (NE Home Builders)



- Regional Planning Agencies
- Federal Agencies
- North Shore Realtors Assn.
- Local and State
 Agencies

Green Neighborhoods Alliance

The Massachusetts Smart Growth Toolkit Model Bylaws



Key Sections of the Model OSRD Ordinance

- 1. Purpose and Intent
- 2. Definitions
- 3. Applicability
- 4. Pre-Application
- 5. Major Residential Development/Special Permit
- 6. Design Process
- 7. Design Standards
- 8. Open Space Requirements
- 9. Reduction in Dimensional Requirements
- 10. Increases in Permissible Density
- 11. Decision of the Planning Board
- 12. Severability

3.0 Applicability Who can come to the party?

- Every Subdivision of 5 Lots or More is Required to Enter into the Design Process
- Any Other Subdivision Size is Invited

NO SUBDIVISION IS TOO SMALL!!!!!!!!!

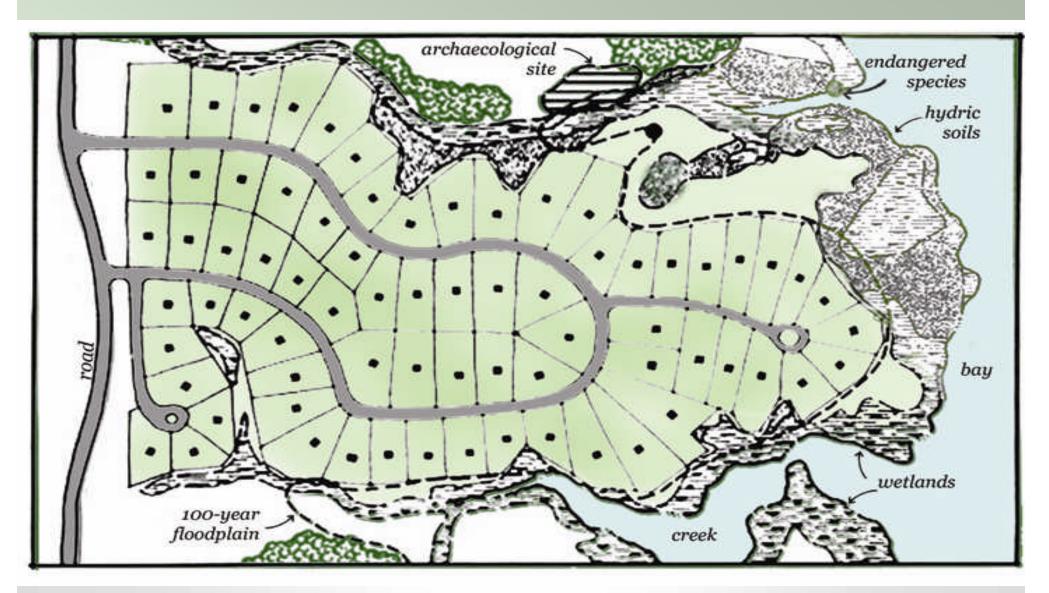
4.0 Pre-Application Dating before marriage

- Applicant is "strongly encouraged" to arrange a meeting
- Other Boards are invited
- Recommended "Homework"
 - Site Context Map
 - Existing Conditions Plan
 - Site Visit
 - Discussion of Design Criteria

5.0 Application Contents Special Permit is not a lethal weapon!

- Outlines requirements for 5 Lots and over
- Conventional vs. OSRD Submittals
- Yield plan provides the maximum number of lots
- Sketch plan follows the four step OSRD process...

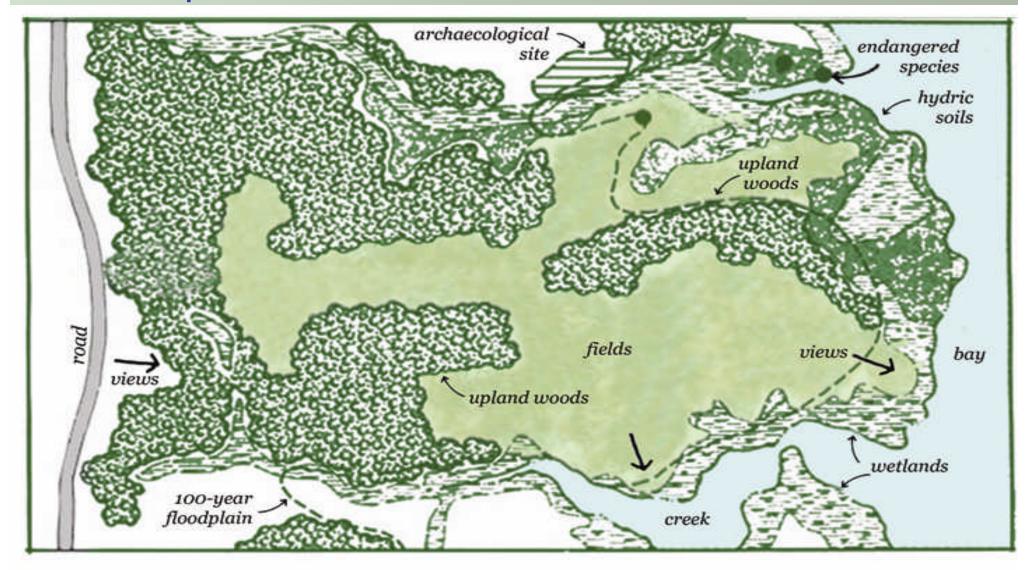
YIELD PLAN: How many lots could we get under conventional zoning?



6.0 Four-Step Design Process Open Space is not a 'leftover'!



1. IDENTIFY CONSERVATION VALUE AREAS on the site such as wetlands, significant trees or tracts of forest, steep slopes habitat, cultural resources or buffer zones. Remove these from the "developable area".



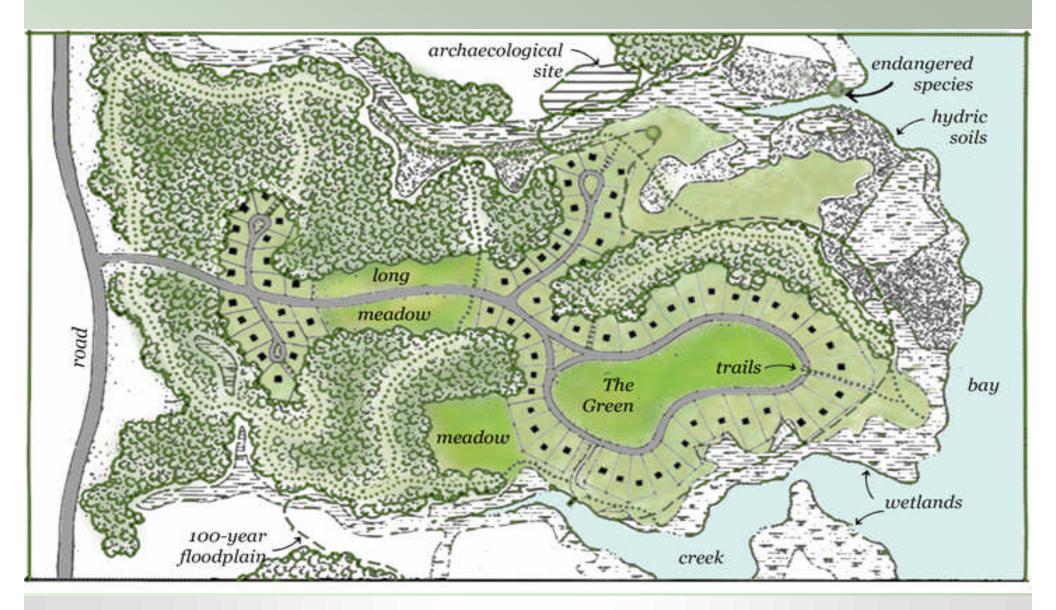
2. PLACE HOUSES in the remaining area in a way that would maximize access and market-ability.



3. ALIGN ROADS AND TRAILS on the site to provide pedestrian and vehicle access.



4. DRAW LOT LINES around the homes.



Developers Choice!



WARNING

Do your homework before identifying a community's protection priorities.

CONSULT EXISTING STAKEHOLDERS, AGENCIES AND PLANS

- Watershed Groups
- Historic Society
- Open Space Committee
- Housing Authority
- DPW
- Water Authority

7.0 Design Standards

How can we improve existing development patterns?

- Mix of Housing Types Allowed
- Parking Standards
- Drainage (LID)
- Screening and Landscaping
- Pedestrian Movement
- Minimizing Disturbed Areas

WARNING

THE ORDINANCE IS NOT WRITTEN IN A VACUUM.



The writers should solicit input from all applicable agencies such as:

- PUBLIC WORKS/FIRE CHIEF
- Conservation
 Commission/Administrator
- Board of Health
- Zoning Board of Appeals/Board of Review/Commission
- Planning Board/Commission
- Building Inspector/Building Official

8.0 Open Space Requirements Protecting everyone's investment

- Amount—50% of the site
 - The question of wetlands: Do we include them?
- Description of Restriction (conservation or agricultural easement)
 - Allowable recreation uses?
 - The question of utilities: Do we allow them?
- Ownership and Maintenance

9.0 Reduction in Dimensional Requirements 'Flexibility 101'

- Empowers reductions to frontage
 - 50 feet minimum in the model

AND

- Empowers reductions to setbacks
 - 20 feet frontline, 10 foot rear and side
 - zero lot line for Townhouses

AND

- Empowers reductions to lot size
 - 5,000 to 10,000 square feet is a common range for minimum sizes

10.0 Density Bonuses

- Never beyond 20% of the Yield
- Additional 10% Open Space yields 5% increase
- For every one/two affordable units, one unit increase over Yield.
- For every historic structure preserved, one unit increase over Yield

Affordable Housing

- **■**Communities may offer bonuses beyond the site yield if developers include affordable housing in their proposal.
- •Common provisions are on additional market rate unit for every one to two affordable units.
- Developers incorporating compact housing design, such as townhouses, may find this a viable option.

Historic Structures

- •Communities with historic homes on farms or other large tracts of land may offer bonuses to developers who preserve these structures.
- •Rehabilitation of existing structures may prove to be a good investment if additional market rate units result from these efforts.



Increased Open Space

- •OSRD Ordinances may have a minimum percentage of protected open space for a site such as 50%.
- •Ordinance provisions may offer density bonuses for more open space.
- •Developers should carefully examine the flexible dimensional regulations of the ordinance to see if they can possibly gain more open space towards a density bonus.

Amenities to the Community

- OSRD Ordinances may have provisions where housing units may be increased if a clear amenity is provided to the community as part of the development.
- Developers facing this provision should be creative and consider such options as cluster wastewater systems, recreational facilities, public access to open space areas, pedestrian or bicyclist improvements, etc.

What sort of incentives or bonuses can the community comfortably and effectively promote?

- The goals discussed in other planning documents should be consulted before determining different density bonuses:
 - Affordable Housing Plans
 - Open Space and Recreation Plan
 - Community Development Plan
 - Master Plan/Local Comprehensive Plan
- Offering bonuses or incentives may require a considerable outreach effort.

COMMUNITY OUTREACH:

An OSRD Ordinance will have to be adopted at Town Meeting or by Council Vote. Common concerns include:

- 1) Will flexible provisions increase the amount of housing in the community?
- 2) How will density incentives increase the development potential of the community?
- 3) How will the style of housing affect community character?
- 4) Could new development have unintended fiscal impacts?
- 5) Are developers being given too much latitude?